

Notice of Allowability	Application No.	Applicant(s)	
	10/722,037	JANAVICIUS, JASON P.	
	Examiner	Art Unit	
	Troy Chambers	3641	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.
2. ☒ The allowed claim(s) is/are 2-11.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Pieper on 11/14/05.

The application has been amended as follows:

2. (Currently Amended) A compressed-gas gun-firing mechanism which comprises a barrel having a distal portion and a proximal portion:

a cylindrical bolt in said proximal portion, said bolt having a given outer radius and a gas discharge channel extending from a radial intake port in a proximal section of the bolt to an axial discharge port at a distal end of the bolt;

said channel defining an axial zone and an elbow between said intake port and said axial zone;

whereby when said bolt is axially translated by a trigger mechanism said intake port lines up with a gas delivery port in the proximal portion of the barrel allowing compressed gas to enter said channel and apply recoiling pressure against said elbow, while, at the same time, applying firing pressure to a projectile located in said distal portion of the gun barrel; and,

a sleeve slidably inserted between said bolt and barrel and having a leading portion and a trailing portion;

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said sleeve further having a radial aperture in said trailing portion;

resiliently compressible means between said bolt and said sleeve for biasing said leading portion ahead of said bolt and for keeping said intake port in line with said aperture;

said barrel further having a radial projectile-admitting first port in said distal portion and a radial gas-admitting second port in said proximal portion; and

means for translating said bolt and sleeve from a recoiled position wherein said leading portion obstructs said gas delivery port, to a firing position wherein said gas delivery port, aperture, and intake port are aligned up to allow expansion of gas through said channel and into said barrel;

whereby a projectile partially inserted into said distal portion of the barrel causes said sleeve to resiliently slide over said barrel and said leading portion to close said intake port, thus preventing expansion of gas into said bolt and barrel.

2. The following is an examiner's statement of reasons for allowance: The prior art does not anticipate or make obvious a compressed gas firing gun having a bolt, a barrel and a sleeve inserted between the bolt and barrel and having a radial aperture in a trailing portion, whereby a projectile partially inserted into a distal portion of the barrel causes the sleeve to resiliently slide over the barrel to prevent expansion of gas into the bolt and barrel thereby effectively preventing chopping of paintballs.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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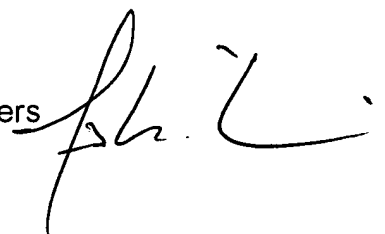
accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Troy Chambers whose telephone number is 571-272-6874. The examiner can normally be reached on 8 a.m. - 5 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael J. Carone can be reached on 703-308-5870. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Troy Chambers
Examiner
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A handwritten signature in black ink, appearing to be 'T. Chambers', written over the printed name of the examiner.

11/14/05